

CLS3.txt
Most frequently occurring classifications of patents returned
from a search of 10644489 on Sep 25, 2006

Original Classifications

12	375/267
9	375/341
4	375/340
4	455/101
3	370/203
3	714/752
3	375/232
2	714/780
2	375/299
2	375/260
2	375/347
2	714/801
2	375/343
2	455/62

Cross-Reference Classifications

5	375/265
4	455/103
4	375/347
4	714/786
3	375/299
3	714/792
3	375/346
2	375/340
2	375/267
2	714/794
2	714/782
2	714/795
2	455/296
2	370/232
2	455/422.1
2	435/320.1
2	435/325
2	435/91.1
2	536/23.1

Combined Classifications

14	375/267
9	375/341
6	375/340
6	375/347
6	375/265
5	375/299
5	714/786
4	455/101
4	455/103
4	714/792
4	375/346
3	370/203
3	714/780
3	714/794
3	375/260
3	714/752
3	375/232
2	714/755
2	375/298
2	714/759
2	714/782

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2 375/148
2 714/795
2 714/801
2 375/343
2 375/262
2 714/784
2 455/296
2 370/232
2 455/62
2 455/422.1
2 714/781
2 435/320.1
2 435/325
2 435/69.1
2 435/91.1
2 536/23.1

Titles of most frequently occurring classifications of patents returned
from a search of 10644489 on Sep 25 , 2006

- 14 375/267 (12 OR, 2 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/259 .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 - 375/260 ..Plural channels for transmission of a single pulse train
 - 375/267 ...Diversity
- 9 375/341 (9 OR, 0 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/316 .RECEIVERS
 - 375/340 ..Particular pulse demodulator or detector
 - 375/341 ...Maximum likelihood decoder or viterbi decoder
- 6 375/340 (4 OR, 2 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/316 .RECEIVERS
 - 375/340 ..Particular pulse demodulator or detector
- 6 375/347 (2 OR, 4 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/316 .RECEIVERS
 - 375/346 ..Interference or noise reduction
 - 375/347 ...Diversity (frequency or time)
- 6 375/265 (1 OR, 5 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/259 .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 - 375/260 ..Plural channels for transmission of a single pulse train
 - 375/261 ...Quadrature amplitude modulation
 - 375/265Trellis encoder or Trellis decoder
- 5 375/299 (2 OR, 3 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/295 .TRANSMITTERS
 - 375/299 ..Plural diversity
- 5 714/786 (1 OR, 4 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/786 ...Forward error correction by tree code (e.g.,
convolutional)
- 4 455/101 (4 OR, 0 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/91 .TRANSMITTER
 - 455/101 ..Diversity
- 4 455/103 (0 OR, 4 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/91 .TRANSMITTER
 - 455/103 ..Plural separate transmitters or channels
- 4 714/792 (1 OR, 3 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/786 ...Forward error correction by tree code (e.g.,
convolutional)
 - 714/792Trellis code

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- 4 375/346 (1 OR, 3 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/316 .RECEIVERS
 - 375/346 ..Interference or noise reduction
- 3 370/203 (3 OR, 0 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/203 .GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL TECHNIQUES
- 3 714/780 (2 OR, 1 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
 - 714/780Using symbol reliability information (e.g., soft decision)
- 3 714/794 (1 OR, 2 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/786 ...Forward error correction by tree code (e.g., convolutional)
 - 714/794Maximum likelihood
- 3 375/260 (2 OR, 1 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/259 .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 - 375/260 ..Plural channels for transmission of a single pulse train
- 3 714/752 (3 OR, 0 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
- 3 375/232 (3 OR, 0 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/229 .EQUALIZERS
 - 375/230 ..Automatic
 - 375/232 ...Adaptive
- 2 714/755 (1 OR, 1 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
 - 714/755Double encoding codes (e.g., product, concatenated)
- 2 375/298 (1 OR, 1 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/295 .TRANSMITTERS
 - 375/298 ..Quadrature amplitude modulation
- 2 714/759 (1 OR, 1 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
 - 714/759Look-up table encoding or decoding
- 2 714/782 (0 OR, 2 XR)

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- Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
 - 714/781Code based on generator polynomial
 - 714/782Bose-Chaudhuri-Hocquenghem code
- 2 375/148 (1 OR, 1 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 .SPREAD SPECTRUM
 - 375/140 ..Direct sequence
 - 375/147 ...Receiver
 - 375/148Multi-receiver or interference cancellation
- 2 714/795 (0 OR, 2 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/786 ...Forward error correction by tree code (e.g., convolutional)
 - 714/795Viterbi decoding
- 2 714/801 (2 OR, 0 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/799 ..Error/fault detection technique
 - 714/800 ...Parity bit
 - 714/801Parity generator or checker circuit detail
- 2 375/343 (2 OR, 0 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/316 .RECEIVERS
 - 375/340 ..Particular pulse demodulator or detector
 - 375/343 ...Correlative or matched filter
- 2 375/262 (1 OR, 1 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/259 .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 - 375/260 ..Plural channels for transmission of a single pulse train
 - 375/261 ...Quadrature amplitude modulation
 - 375/262Maximum likelihood decoder or viterbi decoder
- 2 714/784 (1 OR, 1 XR)
 - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/699 .PULSE OR DATA ERROR HANDLING
 - 714/746 ..Digital data error correction
 - 714/752 ...Forward correction by block code
 - 714/781Code based on generator polynomial
 - 714/784Reed-Solomon code
- 2 455/296 (0 OR, 2 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 - 455/296 ..Noise or interference elimination
- 2 370/232 (0 OR, 2 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL
 - 370/230 ..Control of data admission to the network
 - 370/232 ...Based on data flow rate measurement
- 2 455/62 (2 OR, 0 XR)
 - Class 455 TELECOMMUNICATIONS

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455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/62 ..Optimum frequency selection

2 455/422.1 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system

2 714/781 (1 OR, 1 XR)
 Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 714/699 .PULSE OR DATA ERROR HANDLING
 714/746 ..Digital data error correction
 714/752 ...Forward correction by block code
 714/781Code based on generator polynomial

2 435/320.1 (0 OR, 2 XR)
 Class 435 CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/320.1 .VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID, COSMID,
 VIRAL VECTOR, BACTERIOPHAGE VECTOR, ETC.) BACTERIOPHAGE VECTOR, ETC.)

2 435/325 (0 OR, 2 XR)
 Class 435 CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/325 .ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.); COMPOSITION
 THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR PRESERVING AN ANIMAL CELL OR
 COMPOSITION THEREOF; PROCESS OF ISOLATING OR SEPARATING AN ANIMAL CELL OR
 COMPOSITION THEREOF; PROCESS OF PREPARING A COMPOSITION CONTAINING AN ANIMAL CELL;
 CULTURE MEDIA THEREFORE

2 435/69.1 (1 OR, 1 XR)
 Class 435 CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/41 .MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME USING PROCESS
 TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND OR COMPOSITION
 435/69.1 ..Recombinant DNA technique included in method of making a
 protein or polypeptide

2 435/91.1 (0 OR, 2 XR)
 Class 435 CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/41 .MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME USING PROCESS
 TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND OR COMPOSITION
 435/72 ..Preparing compound containing saccharide radical
 435/84 ...Preparing nitrogen-containing saccharide
 435/85N-glycoside
 435/89Nucleotide
 435/91.1Polynucleotide (e.g., nucleic acid, oligonucleotide,
 etc.)

2 536/23.1 (0 OR, 2 XR)
 Class 536 ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 536/1*1 .ORGANIC COMPOUNDS (Class 532, Subclass 1)
 536/1.11 ...Carbohydrates or derivatives
 536/18.7 ...Nitrogen containing
 536/22.1N-glycosides, polymers thereof, metal derivatives (e.g.,
 nucleic acids, oligonucleotides, etc.)
 536/23.1DNA or RNA fragments or modified forms thereof (e.g.,
 genes, etc.)